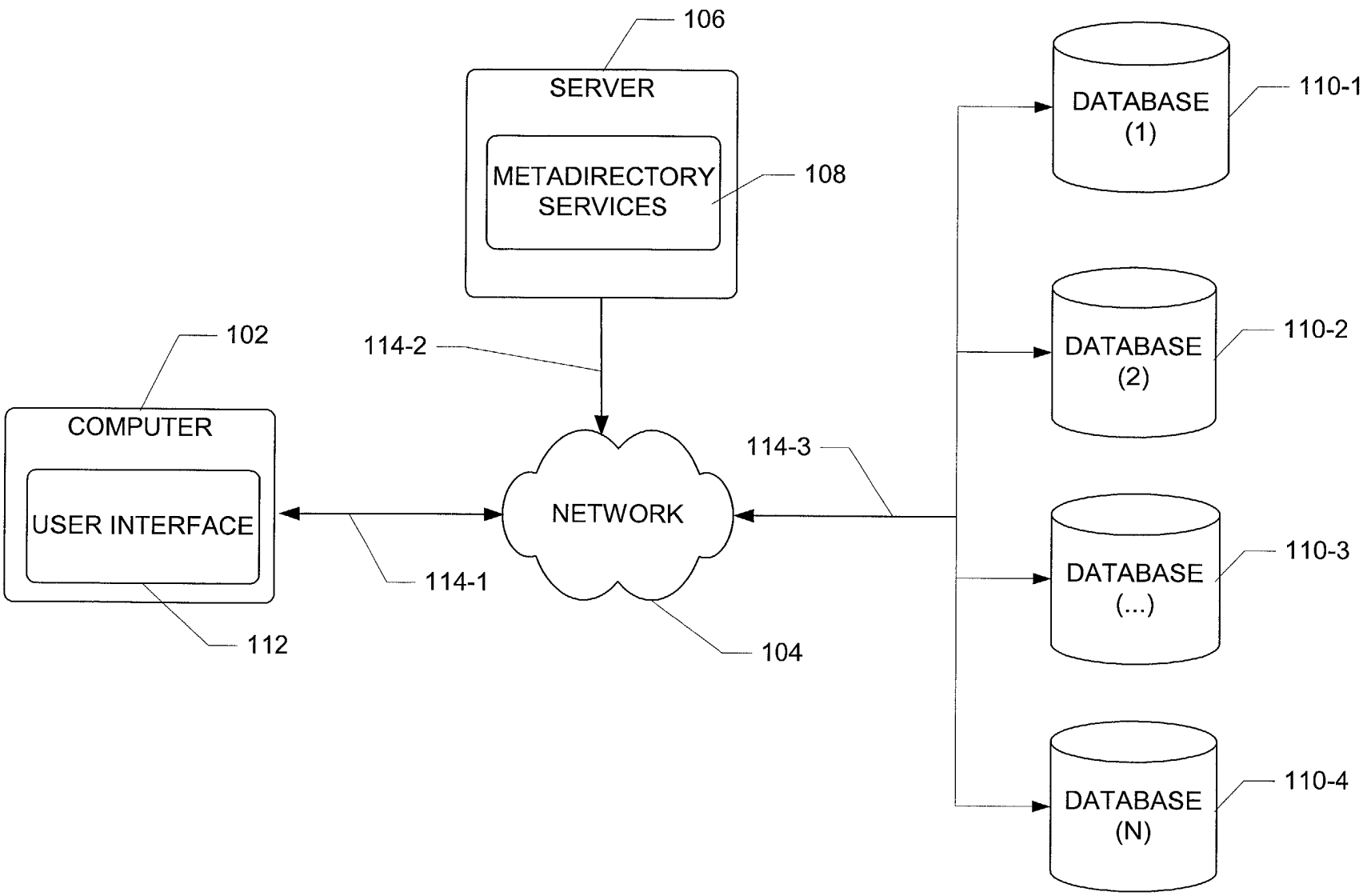

106
SERVER
METADIRECTORY SERVICES
108
DATABASE (1)
110-1
DATABASE (2)
110-2
DATABASE (...)
110-3
DATABASE (N)
110-4
102
COMPUTER
USER INTERFACE
112
114-2
114-3
NETWORK
114-1
104

Fig. 1

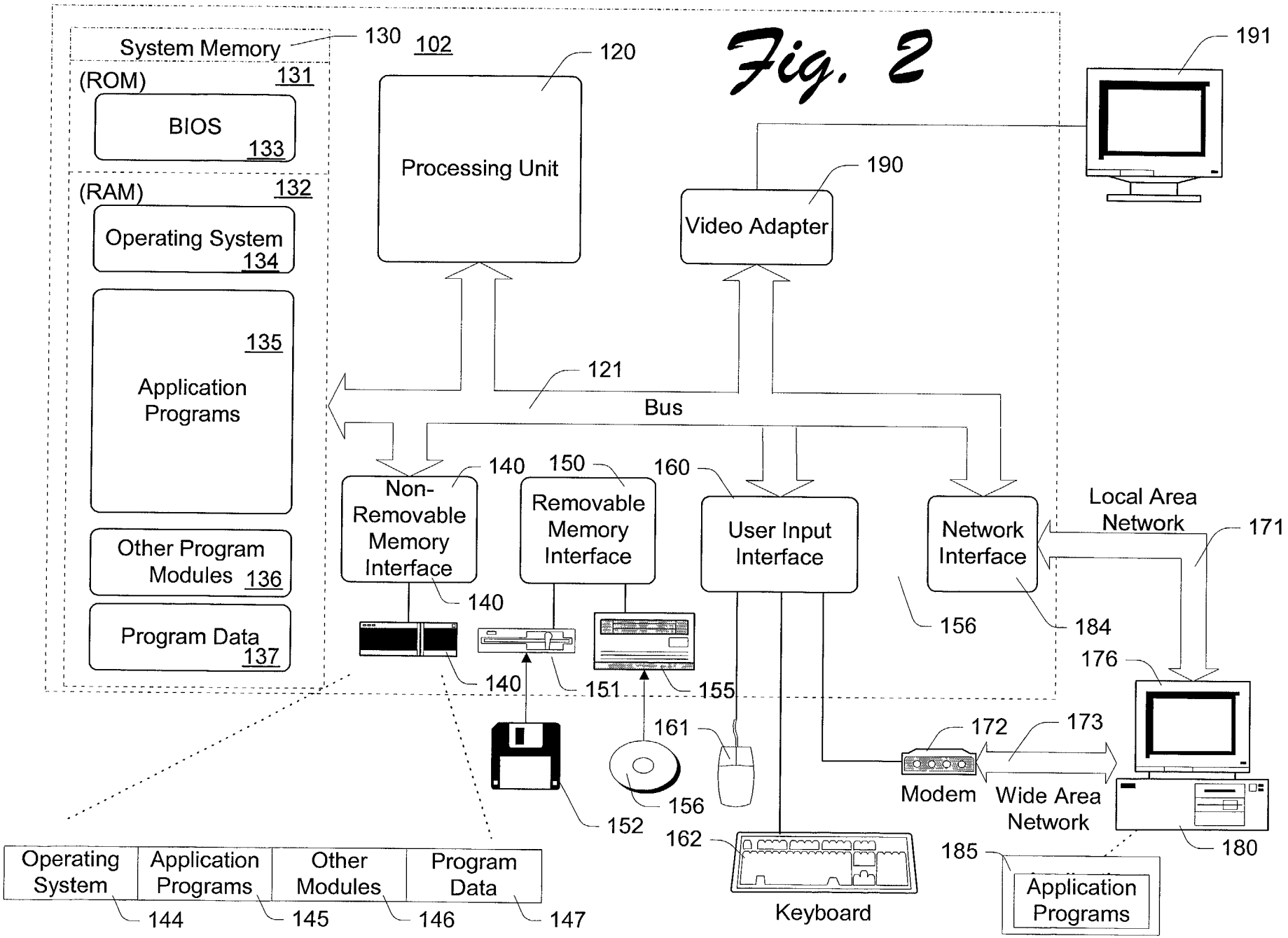

System Memory
130
102
(ROM)
131
BIOS
133
(RAM)
132
Operating System
134
135
Application Programs
Other Program Modules
136
Program Data
137
Processing Unit
120
Video Adapter
190
191
121
Bus
Non-Removable Memory Interface
140
Removable Memory Interface
150
User Input Interface
160
Network Interface
Local Area Network
171
140
140
151
155
156
184
176
161
172
173
Modem
Wide Area Network
152
156
162
180
185
Application Programs
Keyboard
Operating System
144
Application Programs
145
Other Modules
146
Program Data
147

Fig. 2

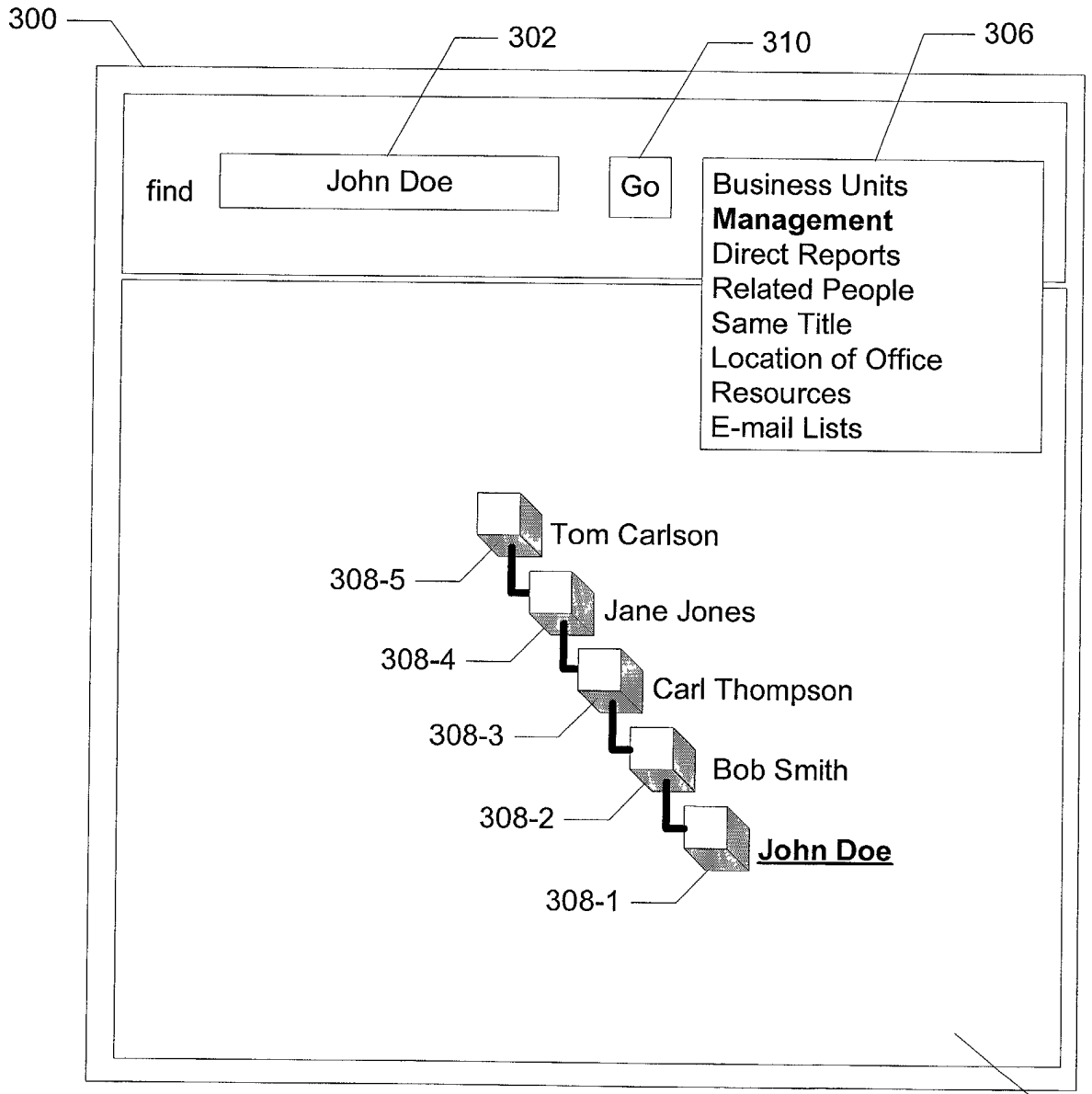

300
302
310
306
find
John Doe
Go
Business Units
Management
Direct Reports
Related People
Same Title
Location of Office
Resources
E-mail Lists
Tom Carlson
308-5
Jane Jones
308-4
Carl Thompson
308-3
Bob Smith
308-2
John Doe
308-1
304

Fig. 3

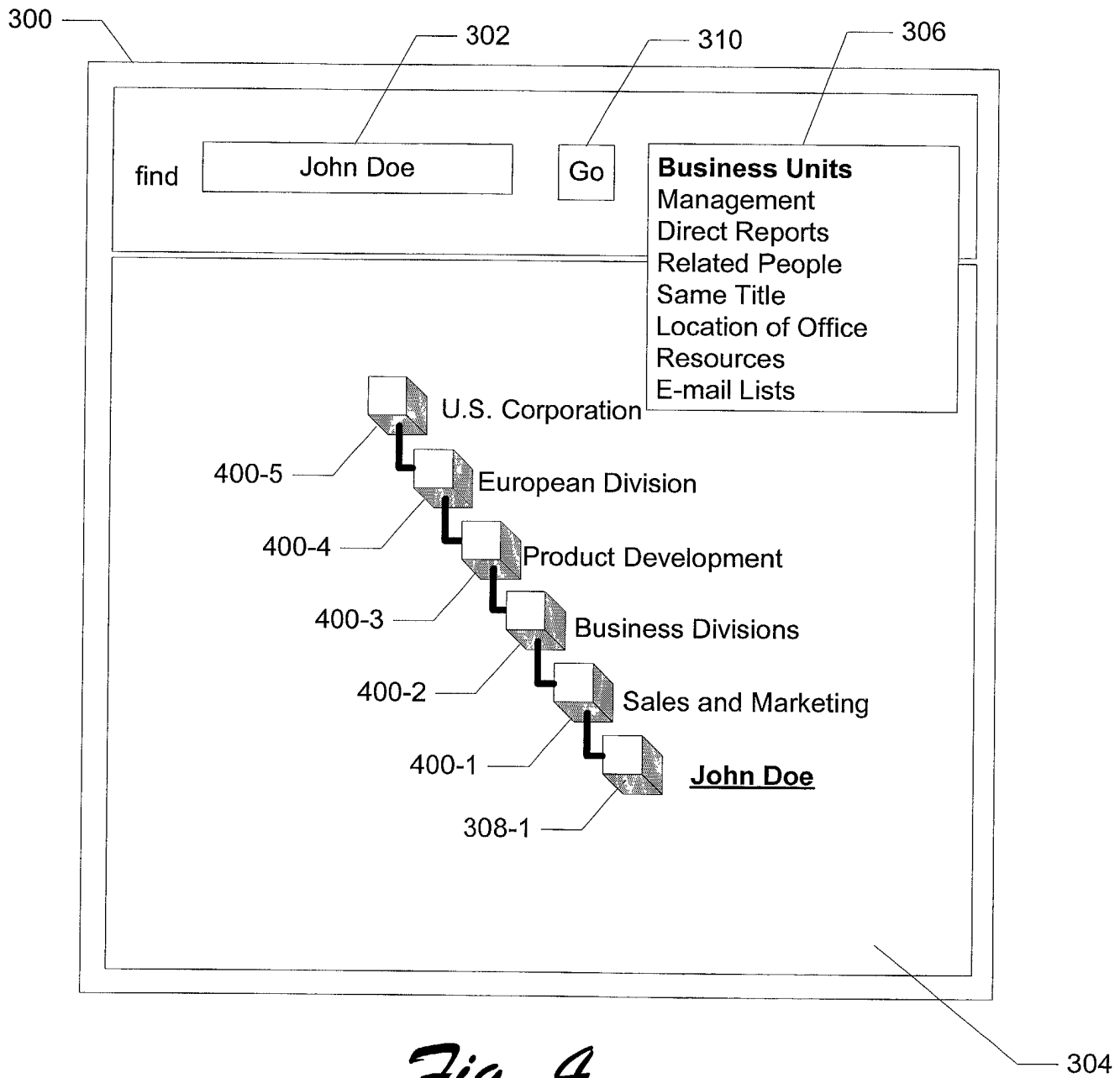

300
302
310
306
find
John Doe
Go
Business Units
Management
Direct Reports
Related People
Same Title
Location of Office
Resources
E-mail Lists
U.S. Corporation
400-5
European Division
400-4
Product Development
400-3
Business Divisions
400-2
Sales and Marketing
400-1
John Doe
308-1
304

Fig. 4

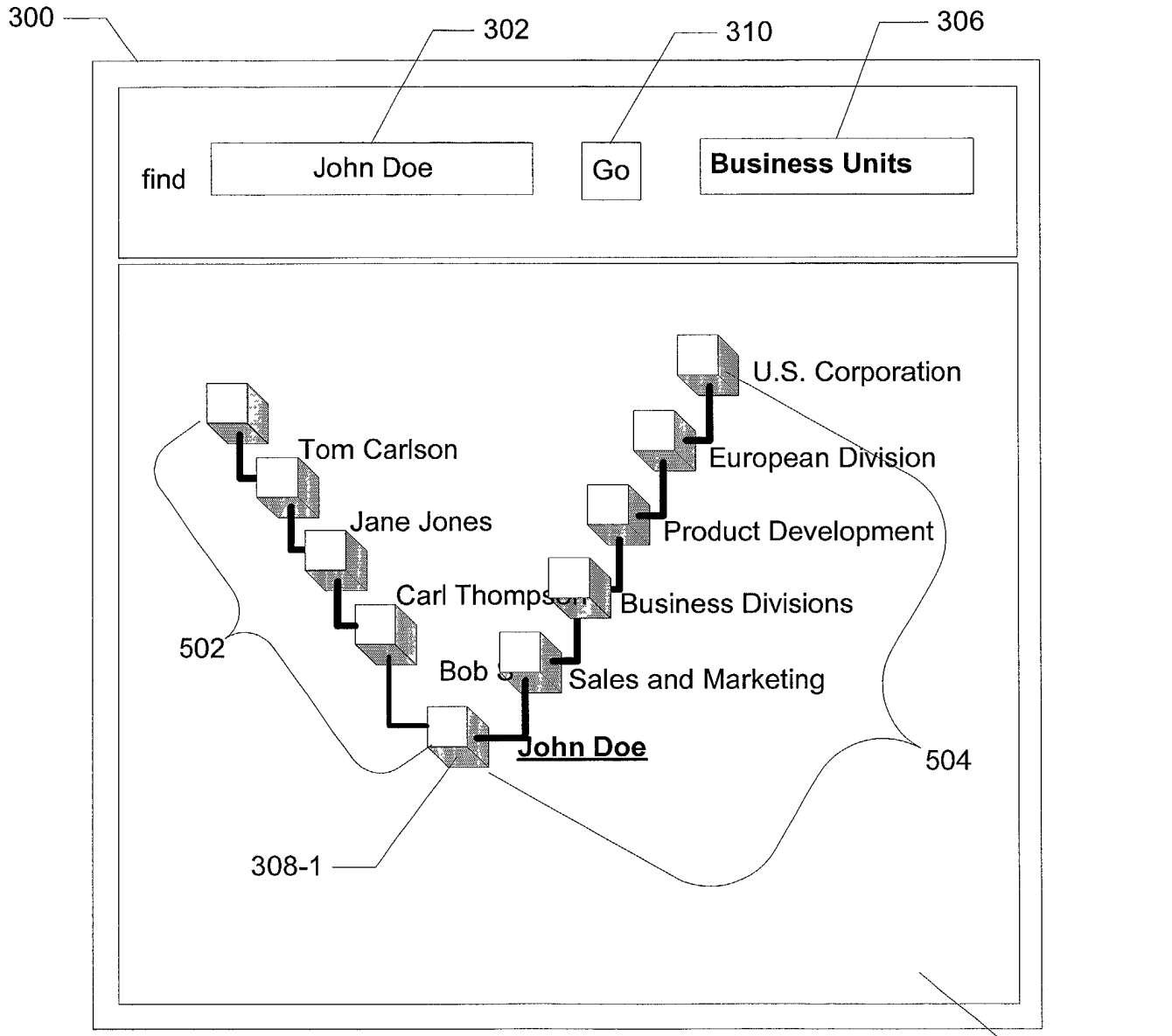

300
302
310
306
find
John Doe
Go
Business Units
U.S. Corporation
Tom Carlson
European Division
Jane Jones
Product Development
Carl Thompson
Business Divisions
502
Bob
Sales and Marketing
John Doe
504
308-1
304

Fig. 5

as

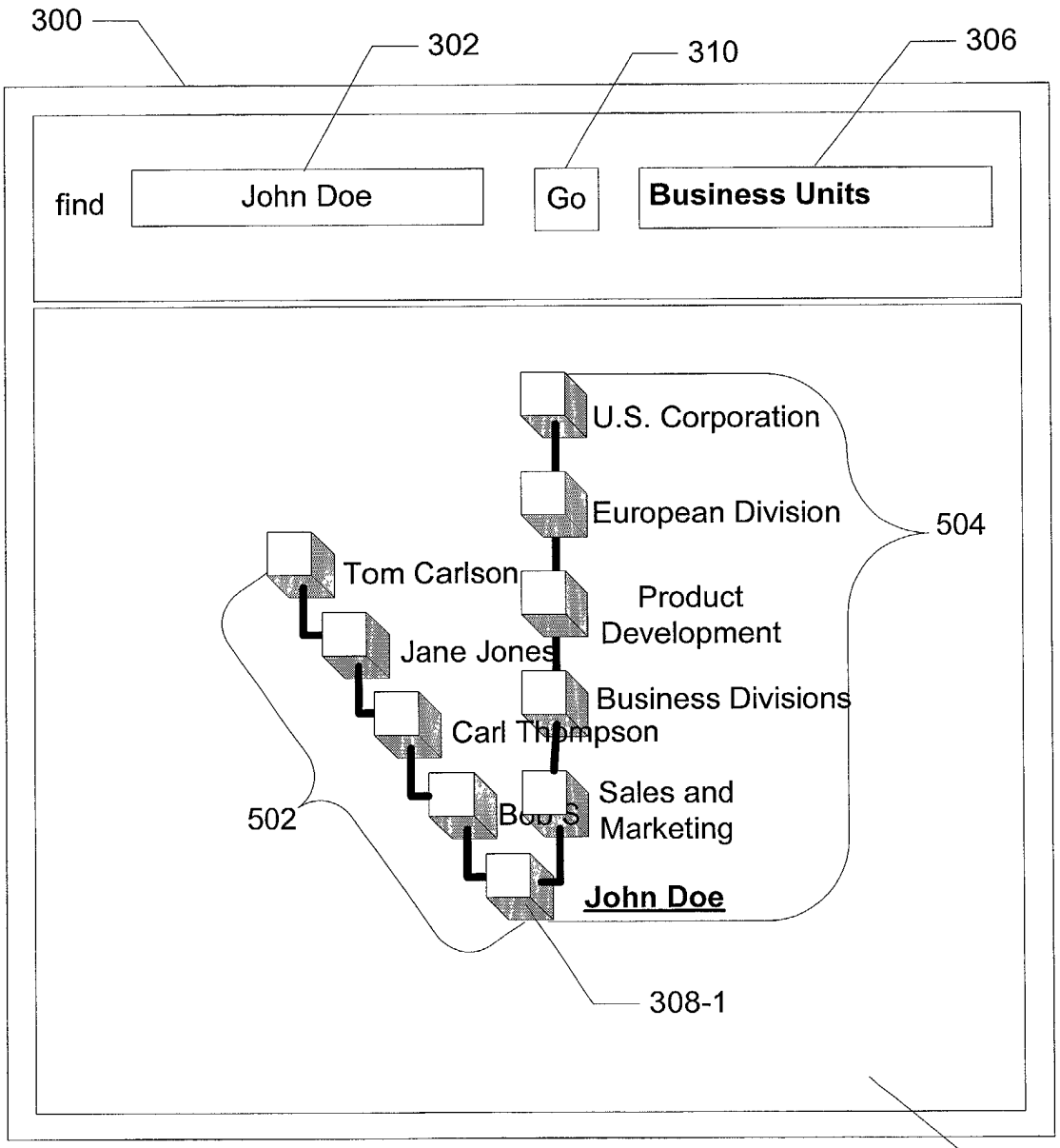

300
302
310
306
find
John Doe
Go
Business Units
U.S. Corporation
European Division
504
Tom Carlson
Product Development
Jane Jones
Business Divisions
Carl Thompson
Sales and Marketing
502
John Doe
308-1
304

Fig. 6

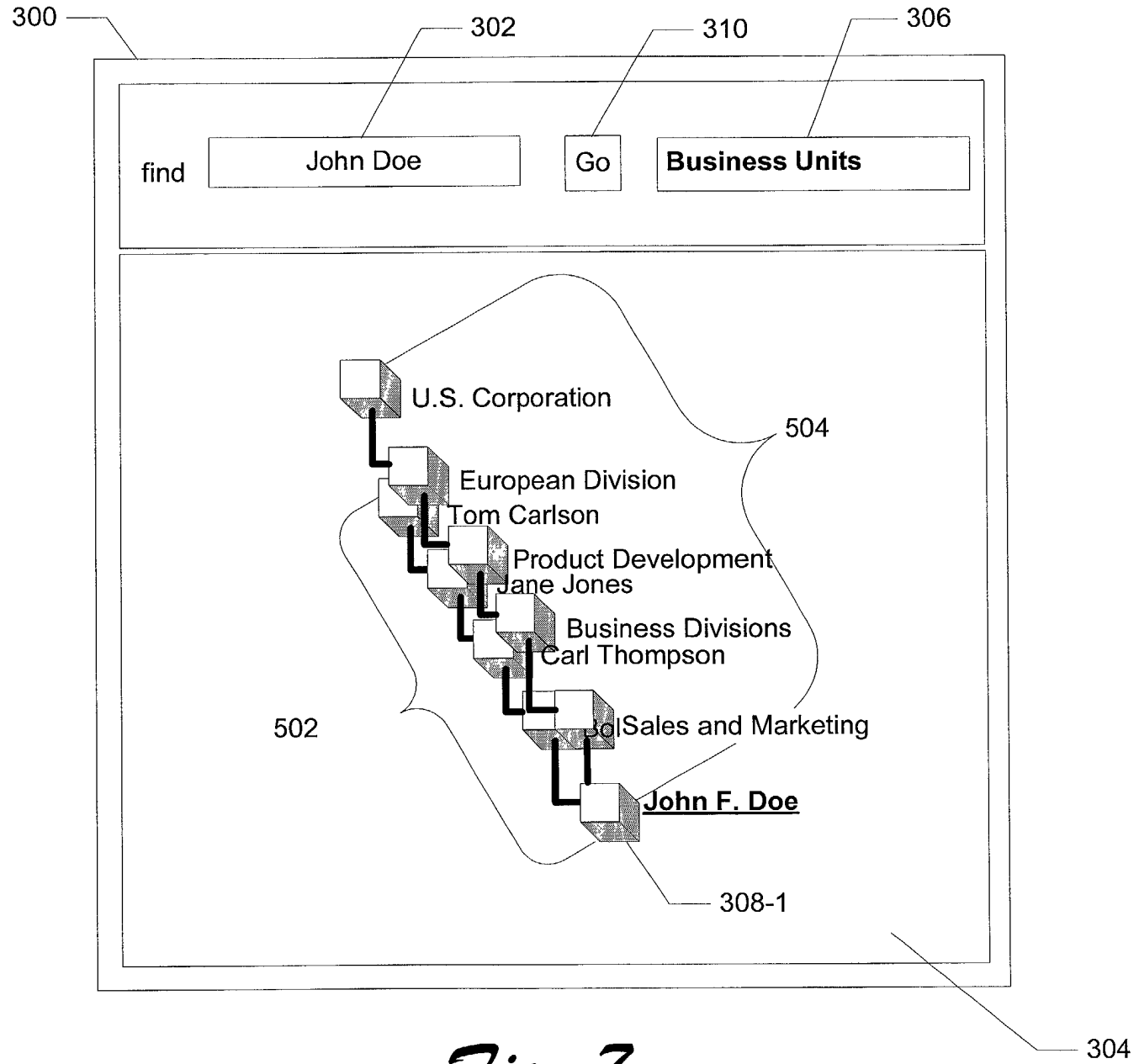

300
302
310
306
find
John Doe
Go
Business Units
U.S. Corporation
504
European Division
Tom Carlson
Product Development
Jane Jones
Business Divisions
Carl Thompson
502
Sales and Marketing
John F. Doe
308-1
304

Fig. 7

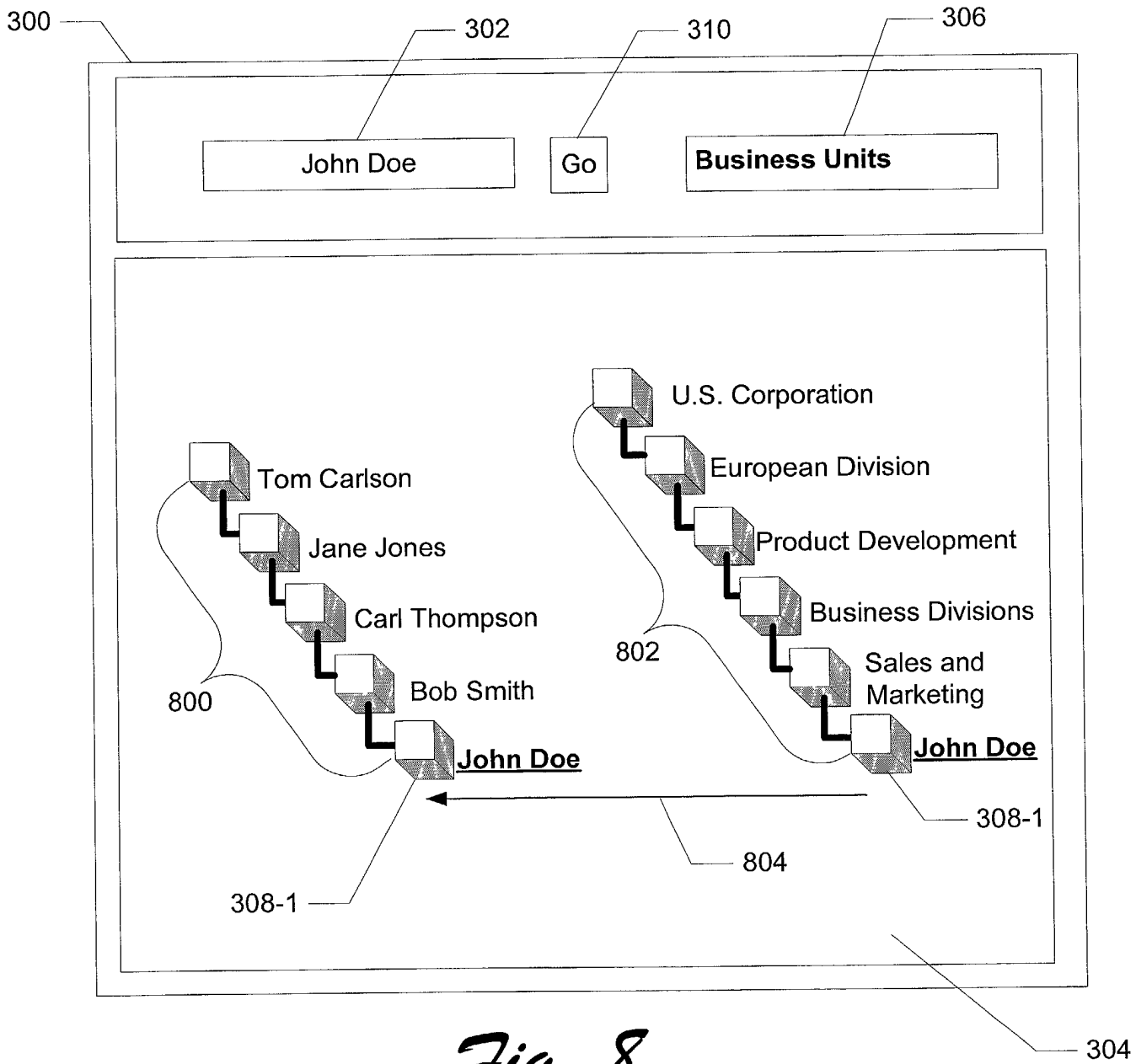

300
302
310
306
John Doe
Go
Business Units
U.S. Corporation
European Division
Product Development
Business Divisions
Sales and Marketing
John Doe
308-1
802
Tom Carlson
Jane Jones
Carl Thompson
Bob Smith
John Doe
800
308-1
804
304

Fig. 8

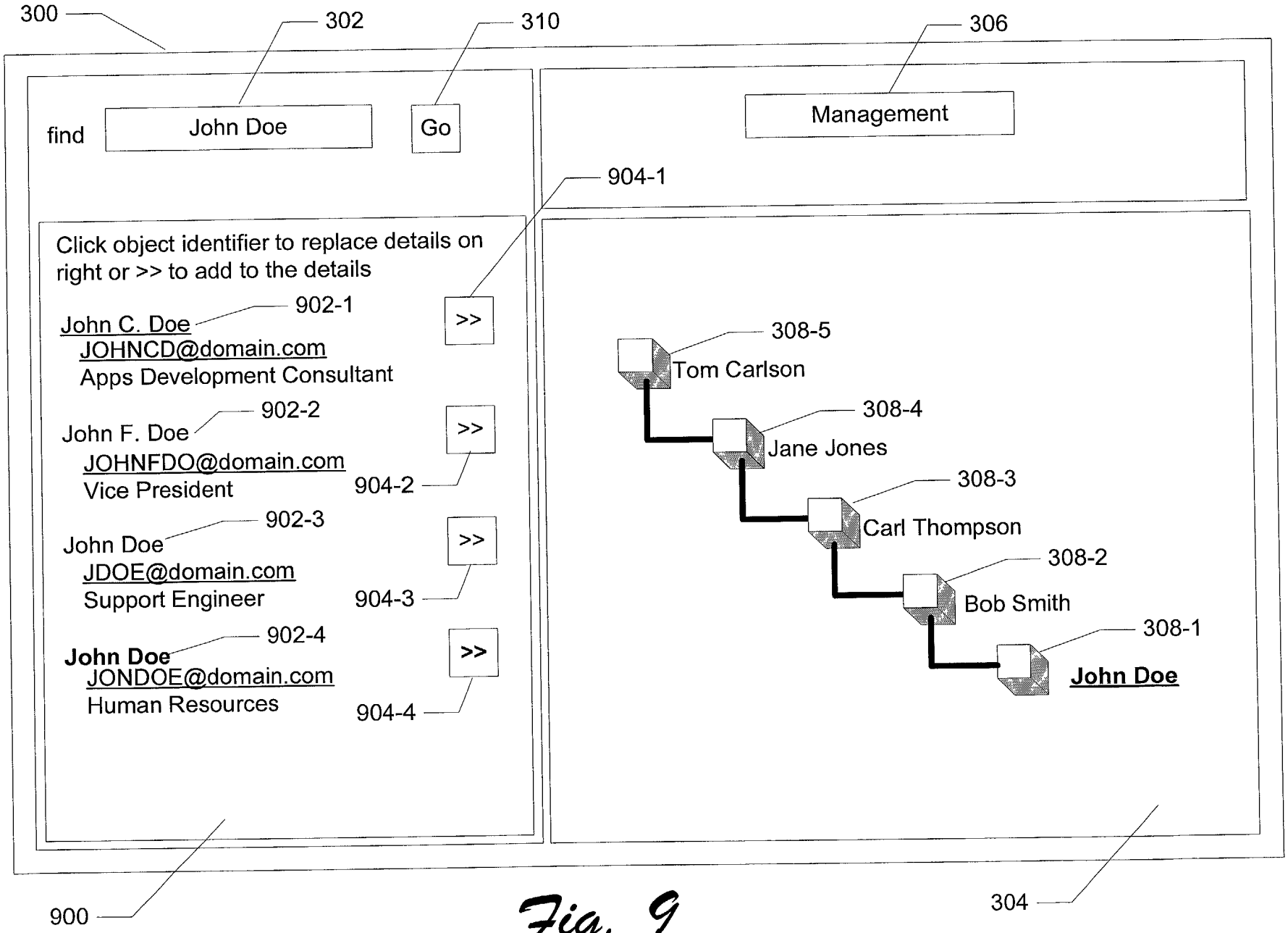

300
302
310
306
find
John Doe
Go
Management
904-1
Click object identifier to replace details on right or >> to add to the details
902-1
John C. Doe
JOHNCD@domain.com
Apps Development Consultant
>>
902-2
John F. Doe
JOHNFDO@domain.com
Vice President
904-2
>>
902-3
John Doe
JDOE@domain.com
Support Engineer
904-3
>>
902-4
John Doe
JONDOE@domain.com
Human Resources
904-4
>>
308-5
Tom Carlson
308-4
Jane Jones
308-3
Carl Thompson
308-2
Bob Smith
308-1
John Doe
900
304

Fig. 9

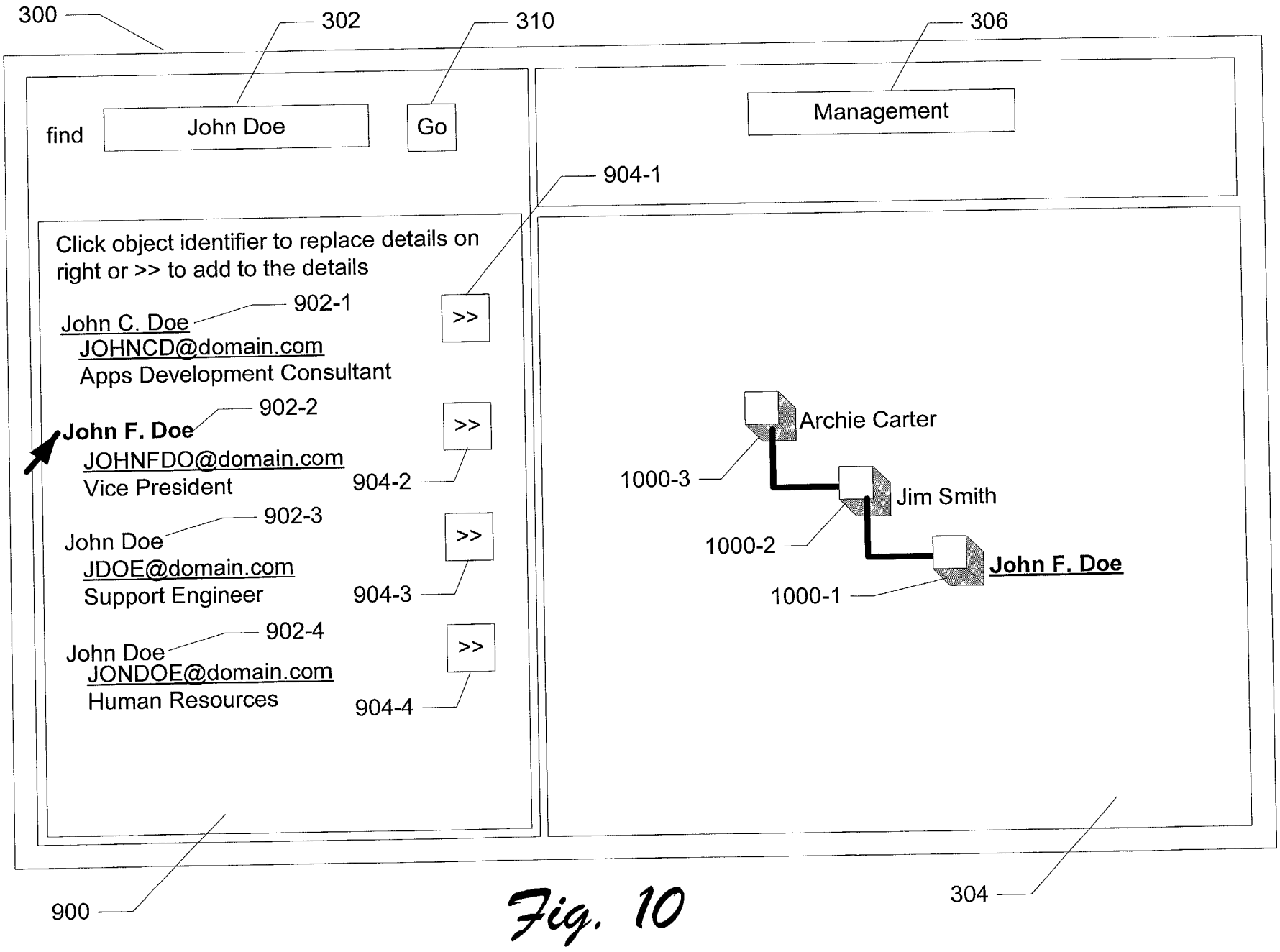

300
302
310
306
find
John Doe
Go
Management
904-1
Click object identifier to replace details on right or >> to add to the details
902-1
John C. Doe
JOHNCD@domain.com
Apps Development Consultant
>>
902-2
John F. Doe
JOHNFDO@domain.com
Vice President
904-2
>>
902-3
John Doe
JDOE@domain.com
Support Engineer
904-3
>>
902-4
John Doe
JONDOE@domain.com
Human Resources
904-4
>>
Archie Carter
1000-3
Jim Smith
1000-2
John F. Doe
1000-1
900
304

Fig. 10

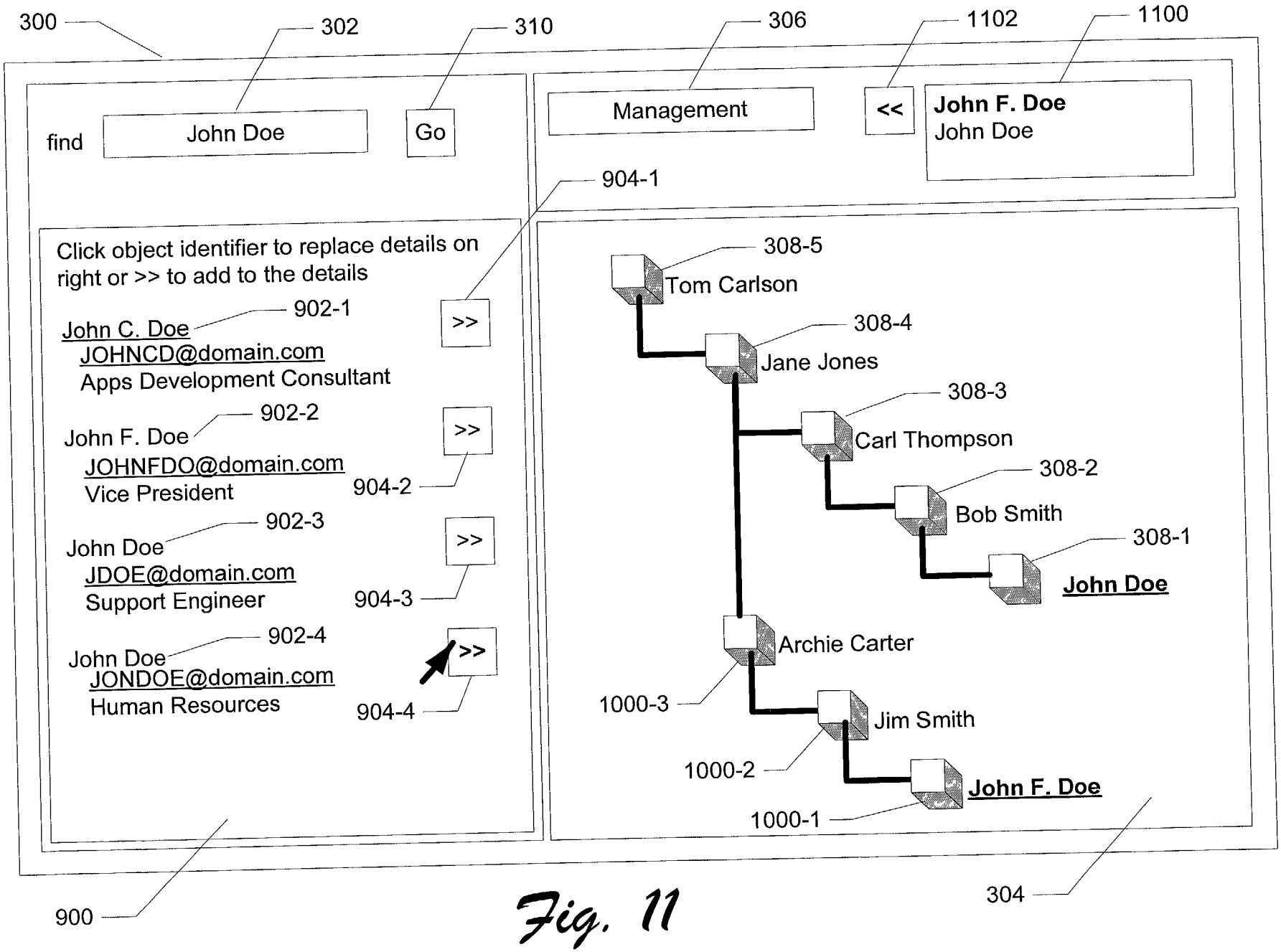

300
302
310
306
1102
1100
find
John Doe
Go
Management
<<
John F. Doe
John Doe
904-1
Click object identifier to replace details on right or >> to add to the details
902-1
John C. Doe
JOHNCD@domain.com
Apps Development Consultant
>>
902-2
John F. Doe
JOHNFDO@domain.com
Vice President
904-2
>>
902-3
John Doe
JDOE@domain.com
Support Engineer
904-3
>>
902-4
John Doe
JONDOE@domain.com
Human Resources
904-4
>>
308-5
Tom Carlson
308-4
Jane Jones
308-3
Carl Thompson
308-2
Bob Smith
308-1
John Doe
Archie Carter
1000-3
Jim Smith
1000-2
John F. Doe
1000-1
900
304

Fig. 11

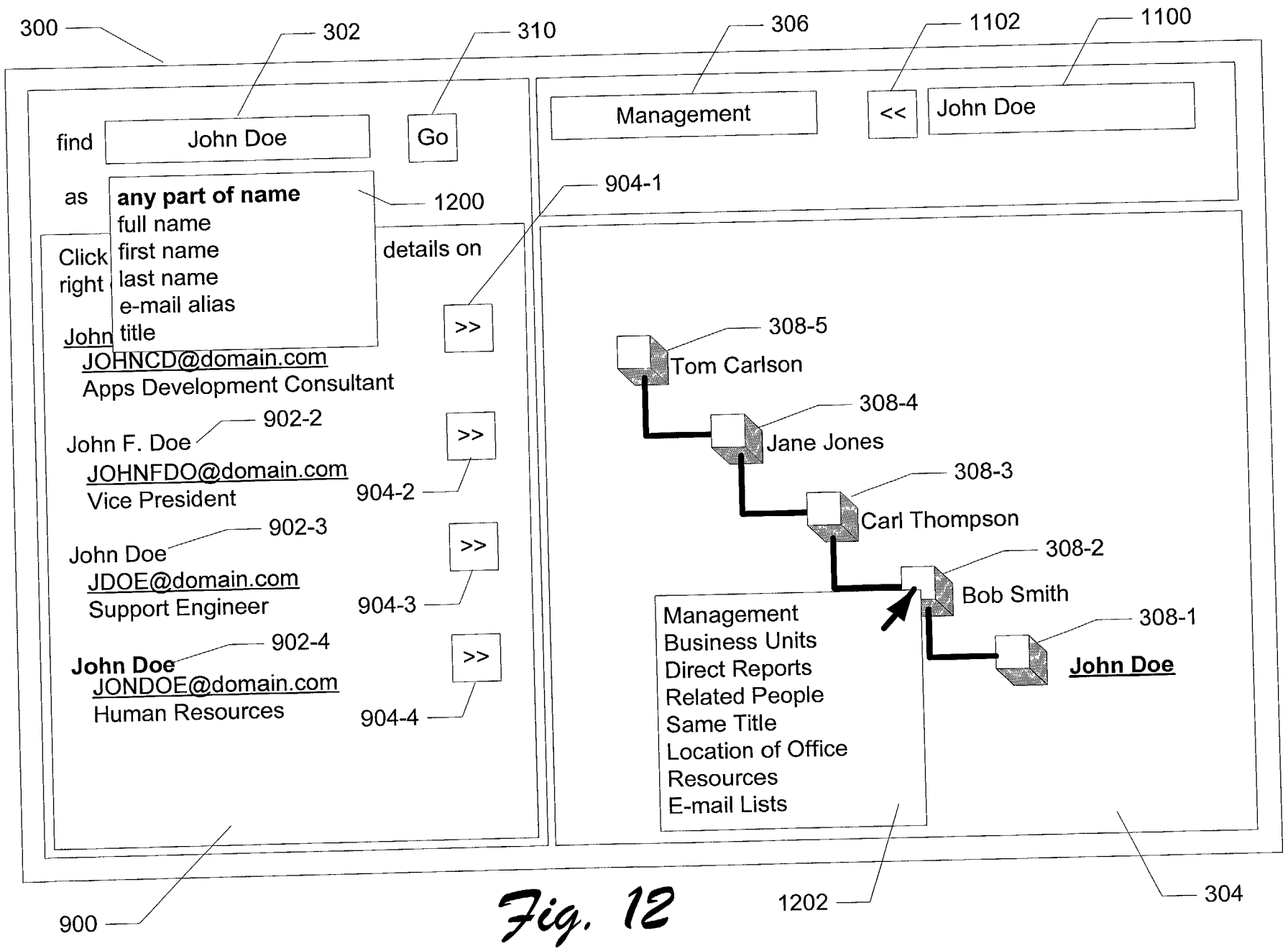

300
302
310
306
1102
1100
find
John Doe
Go
Management
<<
John Doe
as
any part of name
full name
first name
last name
e-mail alias
title
1200
904-1
Click
right
details on
>>
John
JOHNCD@domain.com
Apps Development Consultant
902-2
John F. Doe
JOHNFDO@domain.com
Vice President
904-2
902-3
John Doe
JDOE@domain.com
Support Engineer
904-3
902-4
John Doe
JONDOE@domain.com
Human Resources
904-4
308-5
Tom Carlson
308-4
Jane Jones
308-3
Carl Thompson
308-2
Bob Smith
308-1
John Doe
Management
Business Units
Direct Reports
Related People
Same Title
Location of Office
Resources
E-mail Lists
900
1202
304

Fig. 12

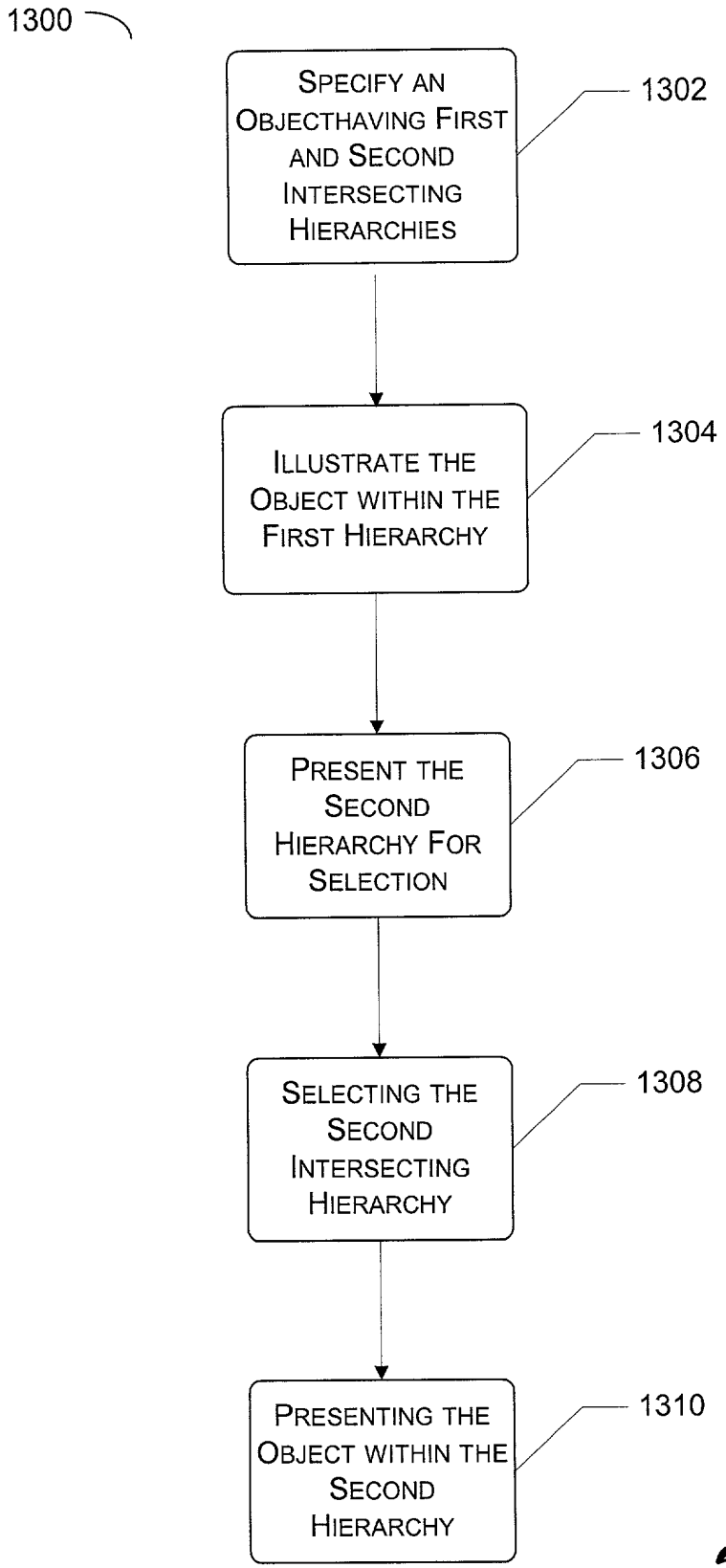

1300
SPECIFY AN OBJECTHAVING FIRST AND SECOND INTERSECTING HIERARCHIES
1302
ILLUSTRATE THE OBJECT WITHIN THE FIRST HIERARCHY
1304
PRESENT THE SECOND HIERARCHY FOR SELECTION
1306
SELECTING THE SECOND INTERSECTING HIERARCHY
1308
PRESENTING THE OBJECT WITHIN THE SECOND HIERARCHY
1310

Fig. 13